#### **CAMBRIDGE INTERNATIONAL EXAMINATIONS**

**Cambridge International General Certificate of Secondary Education** 

#### MARK SCHEME for the October/November 2015 series

# 0417 INFORMATION AND COMMUNICATION TECHNOLOGY

**0417/02** Paper 2 (Practical Test A), maximum raw mark 80

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge will not enter into discussions about these mark schemes.

Cambridge is publishing the mark schemes for the October/November 2015 series for most Cambridge IGCSE<sup>®</sup>, Cambridge International A and AS Level components and some Cambridge O Level components.



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Name and candidate number

Centre number

Header – name and candidate number left aligned, Centre number right aligned

1 mark

Company information release

# Details presented by: Candidate

SKKDSA is an engineering company specialism

en ring. It is a multi-disciplinary con Subtitle data entry as stated, left aligned 1 mark

18 pt sans-serif & italic 1 mark

Title data entry as stated, right aligned 1 mark 24 pt. sans-serif & underlined 1 mark Economic and Feasibility Studies

Section break placed correctly.

Two columns, continuous same page 1 mark 1 mark 1 cm column spacing

engineering projects. analysis and design

unrough to imprementation, construction and testing.

## Staff expertise

The company has, at pres staff of over 75 engineers, designers civil/structural. draftsm and process/mechanical, ele Subheads identified, 14 pt. sans-serif. designers and draughts bold, and centre aligned 1 mark

construction management departments are experienced in an aspects of industrial facility design and construction.

## **Project Management**

Projects include municipal water and waste treatment facilities, desalination plants for sea and brackish water as well surface as water

treatment, handling an

07/10/2015

Automated date left aligned 1 mark New filename in software format right aligned 1 mark Full file path 1 mark

Conceptual and Preliminary Design

Construction Specifications and Bid Contractor **Evaluation** 

Conceptual Engineering and Estimating

- Plannand Scheduling
- Preliminary atailed Design
- Equipment Specifica.
- Equipment and I

The company offers

Bullets applied to list

1 mark

Environmental A

Square shaped bullets Single line space, no space between

1 mark 1 mark

Start-up Assista

Project and Construction Cost Estimating

- **Construction Management**
- Inspection/QA/QC
- **Operator Training**

Image placed correctly with text wrapped 1 mark hd Aligned top of text and right margin 1 mark Resized to fill half column with aspect ratio maintained 1 mark

They can design and mistan desamilation plants, treatment plants, pineline and numning stations for notable. irrigation, sewage be Body text as diverse as oil re 14 point serif 1 mark ems Fully justified, single line space 1 mark

aboard ships.

C:\Full File Path\examdocXXXX.doc

Page 3	Mark Scheme	Syllabus	Paper
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Name and candidate number

Centre number

### **Instrumentation and Electrical Departments**

Their instrumentation and electrical departments, which they

Two spelling errors corrected 1 mark and most technically proncient groups, nave specianseum solving the industrial clients such technically Text added as stated 1 mark companies from drilling Correct year 2011 identified 1 mark

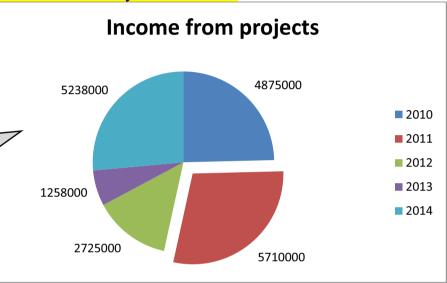
gas processing. They are deeply involved in attending to clients' "emergency codes" as well as continuing their

attenti Chart create from correct data 1 mark Many Segments labelled with Commission values only 1 mark instru Legend shows years 1 mark backs Title correct as stated 1 mark Highest Commission segment withdrawn/emphasised 1 mark servi In correct place in document Engii within column: not distorted 1 mark

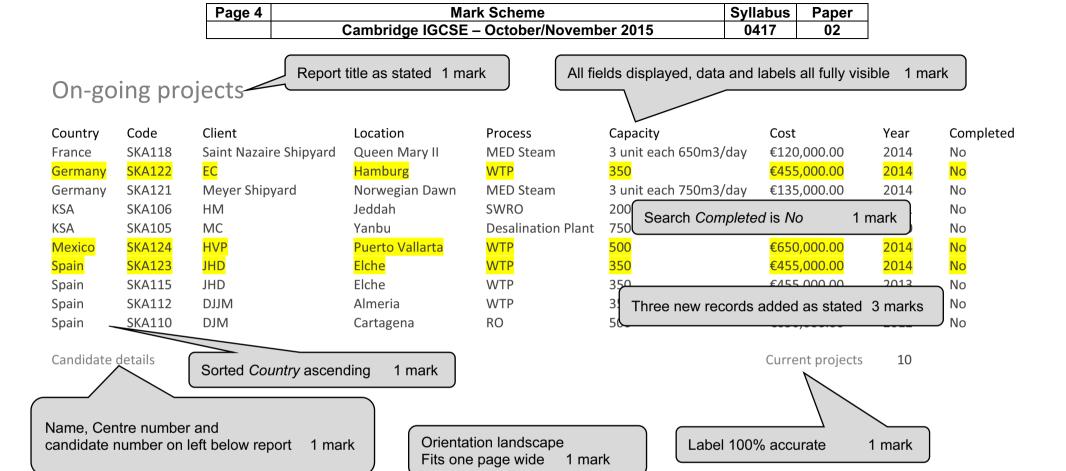
engineering firms.

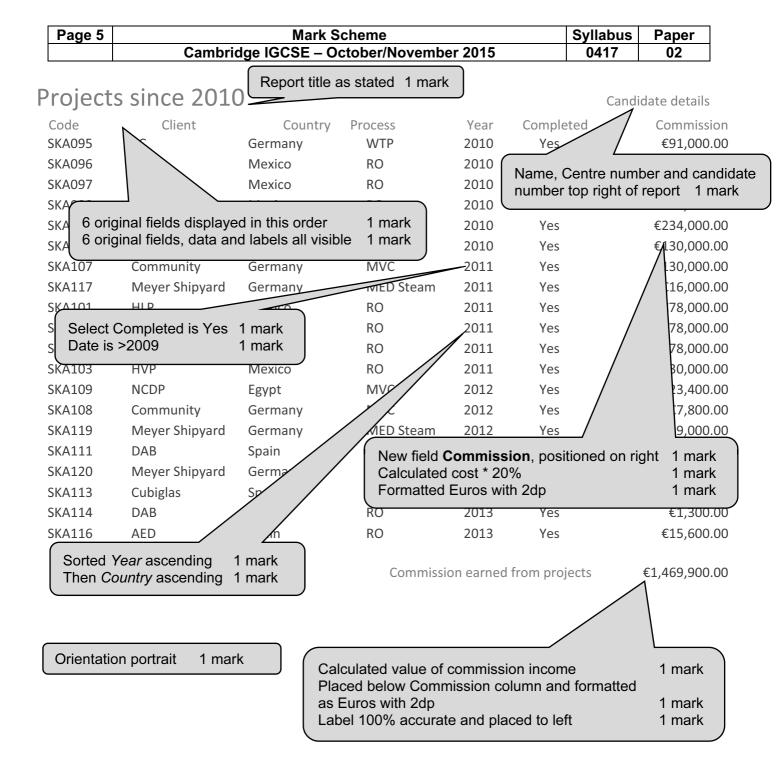
in-hob

The chart shows income generated from projects (and includes projected income from on-going work): The chart shows that the best year was 2011.

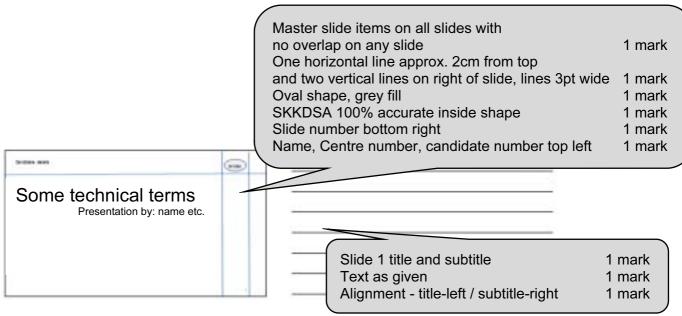


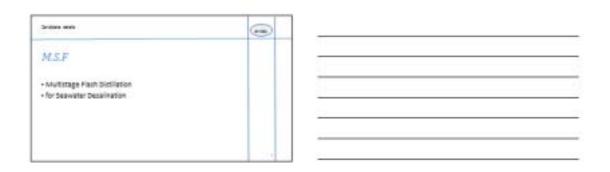
Proof reading
No widows / orphans, no split lists 1 mark
Consistent paragraph spacing 1 mark
Document complete, with no blank pages 1 mark

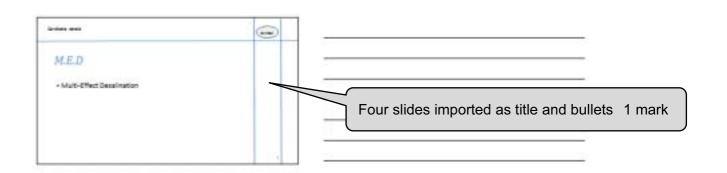




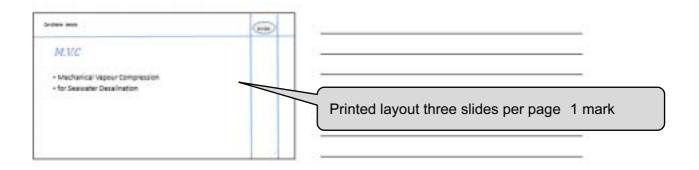
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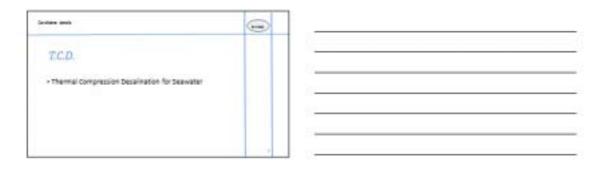


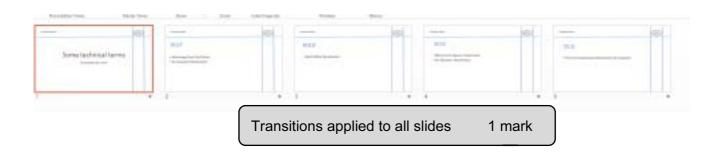




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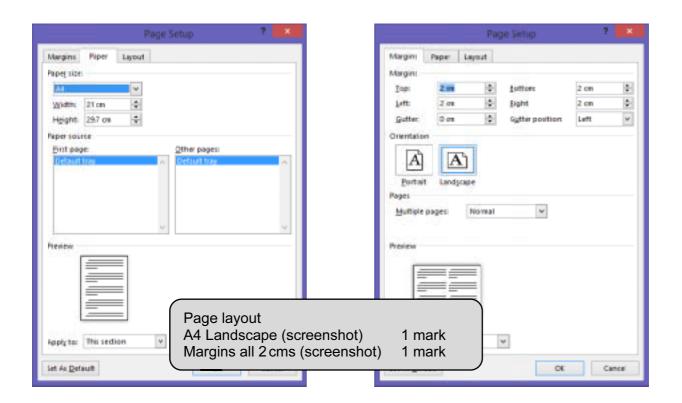




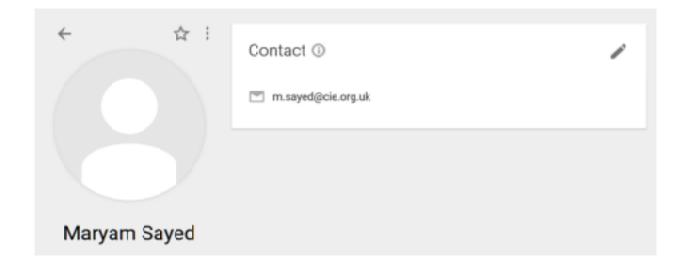


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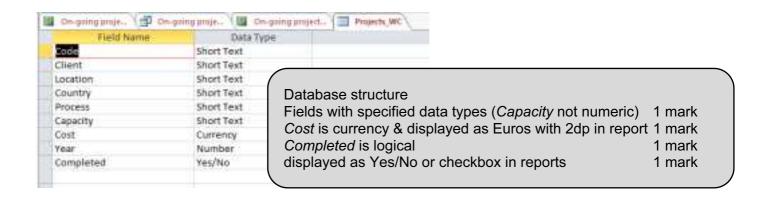
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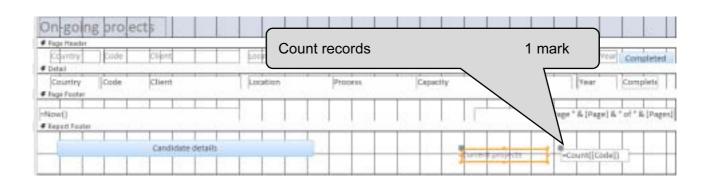


New contact
Maryam Sayed m.sayed@cie.org.uk 1 mark



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Subject Company profile 1 mark
Report only attached file 1 mark
Name, Centre No & candidate no with
Please approve this first draft of the report. 1 mark